

## Manage Events Interfaces (3.6)

**Table 1 EVT Interfaces**

Source	Level 2 Destination	Level 3 Destination	Level 2 Interface (Data Flow Name)	Level 3 Interface (Data Flow Name)	Description	Interface Elements	Mode
<b>FEP Interface</b>							
FEP (1.0)	(3.6)SYM_ManageEvents	SYM_EvtGenerate&RouteEvents (3.6.1)	G_FEP_Events	G_FEP_Events	event message system call	<ul style="list-style-type: none"> <li>• ID Number - Integer</li> <li>• Operational Mode - Integer</li> <li>• Foreground Parameters - Linked List</li> </ul>	Real Time
<b>CMD Interface</b>							
CMD (2.0)	(3.6)SYM_ManageEvents	SYM_EvtGenerate&RouteEvents (3.6.1)	G_CMD_Events	G_CMD_Events	event message system call	<ul style="list-style-type: none"> <li>• ID Number - Integer</li> <li>• Operational Mode - Integer</li> <li>• Foreground Parameters - Linked List</li> </ul>	Real Time
<b>CNT Interface</b>							
CNT (3.1)	(3.6)SYM_ManageEvents	SYM_EvtGenerate&RouteEvents (3.6.1)	SYM_CntEvent	SYM_CntEvent	event message system call	<ul style="list-style-type: none"> <li>• ID Number - Integer</li> <li>• Operational Mode - Integer</li> <li>• Foreground Parameters - Linked List</li> </ul>	Real Time
CNT (3.1)	(3.6)SYM_ManageEvents	SYM_EvtFilter&RouteEvents (3.6.3)	SYM_CntReplayEvent	SYM_CntReplayEvent	historical event messages that are passed individually into EVT during Historical and Simulation Modes.	<ul style="list-style-type: none"> <li>• TBD number of characters ASCII text string</li> </ul>	Historical
SYM_EvtFilter&RouteEvents (3.6.3)	CNT (3.1)	TBD	SYM_EvtCntFilteredEvent	SYM_EvtCntFilteredEvent	formatted event message	<ul style="list-style-type: none"> <li>• TBD number of characters ASCII Text String</li> </ul>	Real Time & Historical
<b>DSD Interface</b>							

Source	Level 2 Destination	Level 3 Destination	Level 2 Interface (Data Flow Name)	Level 3 Interface (Data Flow Name)	Description	Interface Elements	Mode
DSD (3.2)	(3.6)SYM_ManageEvents	SYM_EvtGenerate&RouteEvents (3.6.1)	SYM_DsdEvent	SYM_DsdEvent	event message system call	<ul style="list-style-type: none"> <li>ID Number - Integer</li> <li>Operational Mode - Integer</li> <li>Foreground Parameters - Linked List</li> </ul>	Real Time
SYM_EvtFilter&RouteEvents (3.6.3)	DSD (3.2)	TBD	SYM_EvtDtfFilteredEvent	SYM_EvtDtfFilteredEvent	formatted event message	<ul style="list-style-type: none"> <li>TBD number of characters ASCII Text String</li> </ul>	Real Time
<b>DTF Interface</b>							
DTF (3.3)	(3.6)SYM_ManageEvents	SYM_EvtGenerate&RouteEvents (3.6.1)	SYM_DtfEvent	SYM_DtfEvent	event message system call	<ul style="list-style-type: none"> <li>ID Number - Integer</li> <li>Operational Mode - Integer</li> <li>Foreground Parameters - Linked List</li> </ul>	Real Time
SYM_EvtFilter&RouteEvents (3.6.3)	DTF (3.3)	TBD	SYM_EvtDtfFilteredEvent	SYM_EvtDtfFilteredEvent	formatted event message	<ul style="list-style-type: none"> <li>TBD number of characters ASCII Text String</li> </ul>	Real Time
<b>REF Interface</b>							
REF (3.4)	(3.6)SYM_ManageEvents	SYM_EvtGenerate&RouteEvents (3.6.1)	SYM_RefEvent	SYM_RefEvent	event message system call	<ul style="list-style-type: none"> <li>ID Number - Integer</li> <li>Operational Mode - Integer</li> <li>Foreground Parameters - Linked List</li> </ul>	Real Time
SYM_EvtFilter&RouteEvents (3.6.3)	REF (3.4)	TBD	SYM_EvtRefFilteredEvent	SYM_EvtRefFilteredEvent	formatted event message	<ul style="list-style-type: none"> <li>TBD number of characters ASCII Text String</li> </ul>	Real Time
<b>ANT Interface</b>							
ANT (3.5)	(3.6)SYM_ManageEvents	SYM_EvtGenerate&RouteEvents (3.6.1)	SYM_AntEvent	SYM_AntEvent	event message system call	<ul style="list-style-type: none"> <li>ID Number - Integer</li> <li>Operational Mode - Integer</li> <li>Foreground Parameters - Linked List</li> </ul>	Real Time
<b>MMD Interface</b>							

Source	Level 2 Destination	Level 3 Destination	Level 2 Interface (Data Flow Name)	Level 3 Interface (Data Flow Name)	Description	Interface Elements	Mode
MMD (3.7)	(3.6)SYM_ManageEvents	SYM_EvtGenerate&RouteEvents (3.6.1)	SYM_MmdEvent	SYM_MmdEvent	event message system call	<ul style="list-style-type: none"> <li>ID Number - Integer</li> <li>Operational Mode - Integer</li> <li>Foreground Parameters - Linked List</li> </ul>	Real Time
SYM_EvtFormat&LogEvents (3.6.2)	MMD (3.8)	TBD	SYM_EvtDataRqst	SYM_EvtLogEventRqst	request for DMG to archive the current event log	TBD	Real Time
MMD (3.7)	(3.6)SYM_ManageEvents	SYM_EvtFormat&LogEvents (3.6.2)	SYM_EvtDataResp	SYM_EvtLogEventResp	message concerning the status of DMG's action to archive the current events log	TBD	Real Time
SYM_EvtFormat&LogEvents (3.6.2)	MMD (3.8)	TBD	SYM_EvtDataRqst	SYM_EvtEventDBRqst	request to receive a specified version of the eventsDB	Version #	Real Time
MMD (3.7)	(3.6)SYM_ManageEvents	SYM_EvtFormat&LogEvents (3.6.2)	SYM_EvtDataResp	SYM_EvtEventDBResp	copy of the EventDB containing all the necessary information for formatting event messages, e.g., merging foreground and background data.	Event DB file	Real Time
<b>DMG Interface</b>							
DMG (4.0)	(3.6)SYM_ManageEvents	SYM_EvtGenerate&RouteEvents (3.6.1)	G_DMG_Events	G_DMG_Events	event message system call	<ul style="list-style-type: none"> <li>ID Number - Integer</li> <li>Operational Mode - Integer</li> <li>Foreground Parameters - Linked List</li> </ul>	Real Time
<b>CCM Interface</b>							
CCM (5.0)	(3.6)SYM_ManageEvents	SYM_EvtGenerate&RouteEvents (3.6.1)	G_CCM_Events	G_CCM_Events	event message system call	<ul style="list-style-type: none"> <li>ID Number - Integer</li> <li>Operational Mode - Integer</li> <li>Foreground Parameters - Linked List</li> </ul>	Real Time
SYM_EvtFilter&RouteEvents (3.6.3)	CCM (5.0)		System Event	System Event	formatted event message	<ul style="list-style-type: none"> <li>TBD number of characters ASCII Text String</li> </ul>	Real Time
<b>GUI Interface</b>							

Source	Level 2 Destination	Level 3 Destination	Level 2 Interface (Data Flow Name)	Level 3 Interface (Data Flow Name)	Description	Interface Elements	Mode
GUI (6.0)	(3.6)SYM_ManageEvents	SYM_EvtGenerate&RouteEvents (3.6.1)	G_GUI_Events	G_GUI_Events	event message system call	<ul style="list-style-type: none"> <li>• ID Number - Integer</li> <li>• Operational Mode - Integer</li> <li>• Foreground Parameters - Linked List</li> </ul>	Real Time
SYM_EvtFilter&RouteEvents (3.6.3)	GUI (3.6)	TBD	G_GUI_EvtFilteredDisplayEvent	G_GUI_EvtFilteredDisplayEvent	formatted event messages	<ul style="list-style-type: none"> <li>• TBD number of characters ASCII Text String</li> </ul>	Real Time